

Converting Colors

Hex(456449)

Have a look what the booklet for
Hex(456449) contains.

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Color

Hex(456449)

Conversions

Conversions Part 1

Format	Color
Hex	456449
RGB	69, 100, 73
RGB Percent	27%, 39%, 29%
CMY	0.7294, 0.6078, 0.7137
CMYK	0.31, 0.00, 0.27, 0.61
HSL	128°, 18%, 33%
HSV	128°, 31%, 39%
XYZ	8.2140, 10.8606, 7.9667
YIQ	87.6530, -9.8090, -14.9690

Conversions

Conversions Part 2

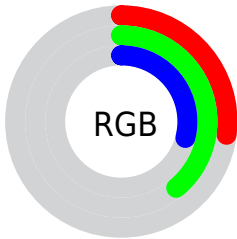
Format	Color
R_{YB}	69, 96, 100
Decimal	4547657
CIE _{Lab}	39.34, -17.50, 11.77
CIE _{LCh}	39, 21.087, 146.067
Yxy	10.8606, 0.3038, 0.4016
Android (android.graphics.Color)	4282737737 (0xFF456449)
YUV	87.6530, -7.2239, -16.3587
Hunter-Lab	32.9554, -13.1815, 8.7359

Details

The Hex color **456449** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **644560**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **76977A**, and **18351D** is the 20% darker color. If you saturate the color by 10%, you get **3B6440**, and if you desaturate by 10%, it is **4F6452**.

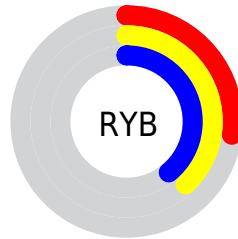
Distribution



Red (27%)

Green (39%)

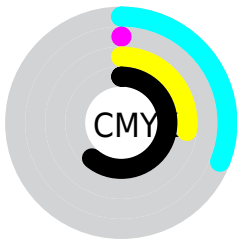
Blue (29%)



Red (27%)

Yellow (38%)

Blue (39%)

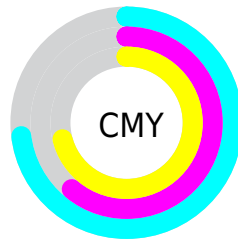


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (61%)



Cyan (73%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456449 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 456449 by changing the saturation by 10% instead.



456449



456449

FFFFFF



2E4C32



76977A



18351D



90B293



022005



ABCD AE



000000



C6EACA



E2FFE6



456449



456449



3B6440



4F6452



316438



59645A

 27642F

 636463


 1D6426

 6D646C

 13641D

 776475

 096415

 81647D

 00640D

 8B6486

 95648F

 9F6497

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59603D



456449



31665A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



456449



425F7F



7E514E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



456449



644560

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7C5060



456449



5C597B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



456449



2A6379



705370



785541

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



456449



256666



705370



7F5054

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



456449



768278



606445



3B423C



C2C2C2



424242

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



456449



528258



456458



2E332F



00730F



00F21F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



644560



82527C



644551



332E32



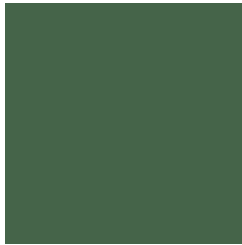
730064



F200D3

Previews

White Background



This preview shows how the Hex color 456449 looks on a white background.

Color Contrast Check

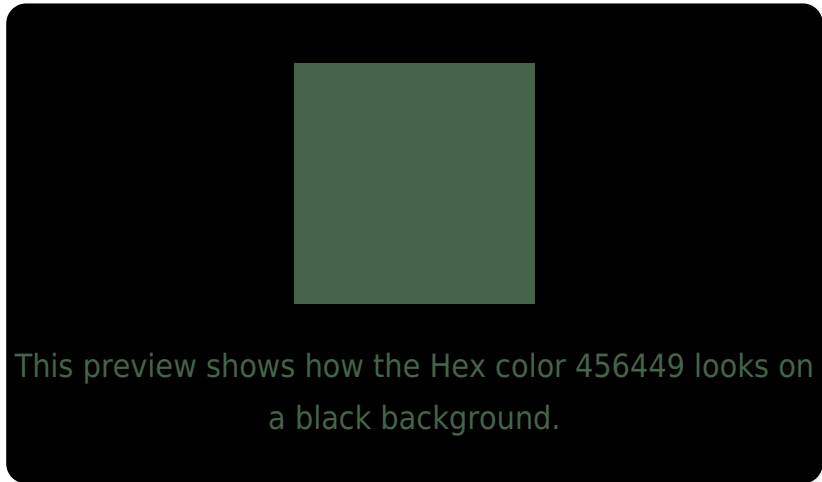
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

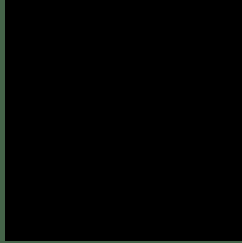
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 456449 Background



This preview shows how black text looks on a background with the Hex color 456449.



This preview shows how white text looks on a background with the Hex color 456449.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
456449

Protanopia
635C45

Deuteranopia
6B594B



Tritanopia
4B6068

Trichromacy



Original Color
456449

Protanomaly
585F46

Deuteranomaly
5D5D4A

Tritanomaly
49615D

Monochromacy



Original Color
456449

Achromatopsia
585858

Achromatomaly
515C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 456449 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #456449 looks like.

```
.text, #text, p{  
    color:#456449  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #456449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456449
}
```

Border

The CSS property to change the border of an element to Hex 456449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#456449 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#456449 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #456449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456449; -webkit-box-shadow:4px 4px  
4px 4px #456449; box-shadow:4px 4px 4px  
4px #456449 }
```

Background

The CSS property to change the background color of an element to Hex 456449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456449 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#456449 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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